

Summary Of Planning Workbench

- **Provides Production Planner with the tools necessary to create and activate production plans. The Planning Workbench includes GUIs for:**
 - **Production Requests**
 - **Data Processing Requests**
 - **Plan Generation**
 - **Subscriptions**
 - **Production Strategies (NEW!)**
 - **Planning Configuration Controls (NEW!)**

<div><div></div></div>		Planning Workbench				<div><div></div></div>	<div><div></div></div>
File		Options				Help	
Production Requests	Data Processing Requests	Planning	Production Strategies	Planning Configuration Controls	Subscriptions		
Plan Name: Plan1		Status: Active		<div>Activate</div>	Activation Time: 01/02/1996 10:20:30		
Production Strategy		<div></div>		<div>Baseline</div>	Baseline Time: 01/02/1996 10:20:30		
Comments		<div></div>					
		<div></div>					
Production Requests							
Scheduled	Name	PGE ID	Priority	Start	End		
Status	<div></div>					<div></div>	
	<div></div>					<div></div>	
Find	<div></div>						
<div>Record Changes</div>		<div>Schedule/Unschedule</div>		<div>Cancel All Changes</div>			

Summary

Creating Production Strategies

- **This scenario provides a view of the GUIs for Creating Production Strategies, Creating Production Plans, and Activating Production Plans**

Production Strategies

DPR id:
MOD09:L2G_060199_14_1234
User Type:
Scientist
PGE:
MOD09:L2G
Standard request
Tile 14
Cluster id: 4
User-selected Weight: 7

PR TYPE	
Weight .45	
On Demand	10
Standard	6
Reprocessing	4

PGE	
Weight .20	
MODIS 01	5
MOD09:L2G	3
MOD09:L3	6
MODIS 02	5
Default	5

USER TYPE	
Weight 15	
DAAC ops	5
Data Specialist	7
PI	10
Scientist	8
Other User	4
Default	5

User-Selected	
Weight	.20

The operator can also change the weights given to each list according to the DAACs current production priorities

$$\begin{aligned}\text{Priority} &= 6 * .45 + \\ &\quad 3 * .20 + \\ &\quad 8 * .15 + \\ &\quad 7 * .20 \\ &= 5.9 = 6\end{aligned}$$

The operator can change any weight or priority on any strategy list.

Production Strategy

- **Context:**
 - Bring up Production Planning Workbench
 - Bring Up Production Strategies Window
 - Add New User, PGE, Production Type Priorities
 - Add Inter-DAAC Delta Priority
 - Add Late PGE Delta Priority
 - Modify Weight factors
 - Modify a Production Strategy
 - Create a production plan
 - Activate a plan

Production Planning Table of Events

Script 1: This script highlights the GUIs used to create a production strategy

Preconditions:

1. The Production Planner has logged onto GSFC DAAC Desktop. Identification validated.

STEP #	TIME	PLAYER	ACTIVITY	GUI
1	0900	Production Planner	Brings up Planning Workbench.	Planning Workbench Main
2	0910	Production Planner	Selects Tab widget for Production Strategies	Planning Workbench -Production Strategies
3	0915	Production Planner	Selects File- New from main menu	Planning Workbench -Production Strategies
4	0921	Production Planner	Enters Strategy Name, Aging Delta, InterDAAC Delta, and value/priority, weight/ Default pairs for each of (PR Type, User Type, and PGE).	Planning Workbench - Production Strategies
5	0930	Production Planner	Saves new strategy	Planning Workbench - Production Strategies

Script 2: This script highlights the GUIs used to copy and update a Production Strategy.

Preconditions:

1. The Production Planner has logged onto GSFC DAAC Desktop. Identification validated.

STEP #	TIME	PLAYER	ACTIVITY	GUI
1	0900	Planner	Brings up Planning Workbench.	Planning Workbench Main
2	0901	Planner	Selects Tab widget for Production Strategies	Planning Workbench -Production Strategies
3	0901	Planner	Selects a Strategy from main menu	Planning Workbench -Production Strategies
4	0902	Planner	Selects a Planning strategy by Name in the pop-up workbox	Planning Workbench - Production Strategies
5	0910	Planner	Adjusts planning strategy, selects saveas...and enters new production name	Planning Workbench - Production Strategies
			Note: could have also selected save here, and would have updated the old strategy instead of creating a new strategy from an old one.	

Summary of Production Strategies GUI

- **Production Strategies GUI allows the Production planner to:**
 - Set priorities based on Production Type, User Type, and PGE.
 - Set Weighting factors for Production Type, User Type, PGE, and User-specified Priorities.
 - Set Delta priority increase factors for inter-Daac products, and Late Start Deltas for Production Requests
 - Save strategy for later use in creating a production plan.

Planning Workbench

File

Options

Help

Production Requests

Data Processing Requests

Planning

Production Strategies

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Subscriptions

Production Strategy

Production Request Type

User Type

PGE

User-Selected

Total Weight
(must total 100)

Weight

DEFAULT

4

Value

Priority

Weight

DEFAULT

4

Value

Priority

Weight

DEFAULT

4

Value

Priority

Weight

Inter-DAAC Delta Priority

Late Start Delta Priority

SAVE

SAVE As

Cancel All

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Data Processing Requests

Planning

Production Strategies

Planning Configuration Controls

Subscriptions

Production Strategy

Production Request Type

Weight

DEFAULT

Value

4

▼

Priority

Us

Weight

DEF

Valu

▼

Primary Ops 3-25-97

OPS_ON_DEMAND_HIGH

OPS_ON_DEMAND_LOW

OPS_Reprocess_Fiirst_MODIS_FIRST

TEST_TRY_LOWERING STD_PROD

TEST_TRY_Raising_Reprocessing

▼

▲

▼

▲

▼

▲

User-Selected

Weight

Total Weight

(must total 100)

Inter-DAAC Delta Priority

Late Start Delta Priority

SAVE

SAVE As

Cancel All

Planning Workbench

File

Options

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Production Requests

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Subscriptions

Production Strategy

Primary Ops 3-25-97

Production Request Type

Weight

DEFAULT

Value ☐ Priority

STD Production 5

Reprocessing 7

User Type

Weight

DEFAULT

Value ☐ Priority

DAAC OPS Staff 8

Data Specialist 5

SCientist 7

PGE

Weight

DEFAULT

Value ☐ Priority

MOD09:L2G 9

User-Selected

Weight

Total Weight (must total 100)

Inter-DAAC Delta Priority

Late Start Delta Priority

SAVE

SAVE As

Cancel All

Planning Workbench

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Production Strategy

STRATEGY_GUI_WS1

Production Request Type

Weight

DEFAULT

Value ☐ Priority

STD Production 5

Reprocessing 7

User Type

Weight

DEFAULT

Value ☐ Priority

DAAC OPS Staff 8

Data Specialist 5

SCientist 7

PGE

Weight

DEFAULT

Value ☐ Priority

MOD09:L2G 9


User-Selected

Weight

Total Weight (must total 100)

Inter-DAAC Delta Priority

Late Start Delta Priority

SAVE 

SAVE As

Cancel All